



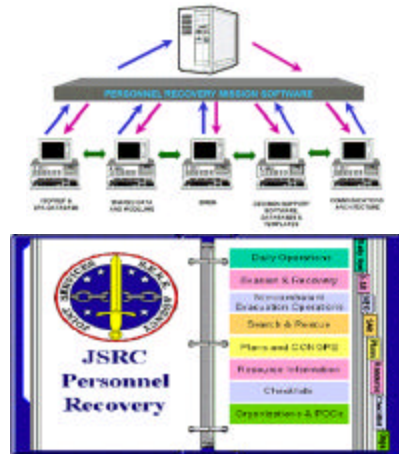
Personnel Recovery ACTDs

Mr. Bob Shields
ADUSD(AS&C)/Dominant Maneuver



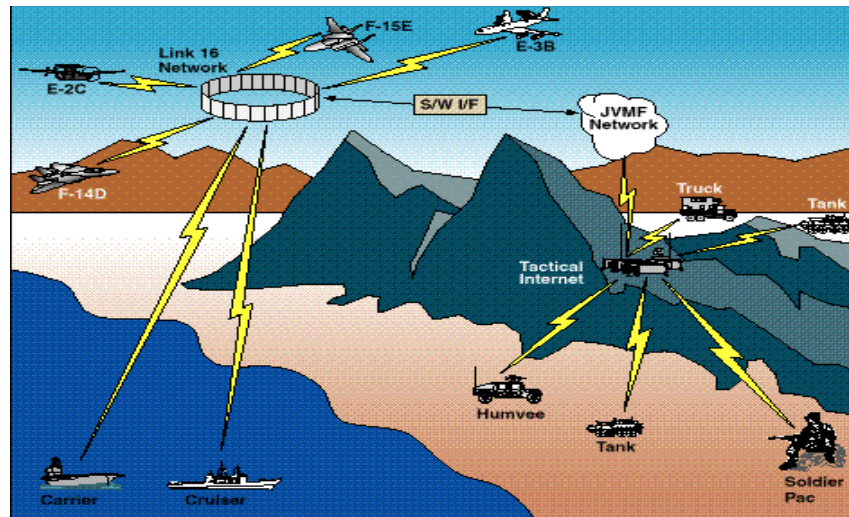
PRMS ACTD

- FY99 Start
- FY01 Interim Capability
- Enable JSRC communication with all PR Operation Participants Securely, Reliably and in Real Time
- Automate Existing JSRC Operations
- Comprehensive Info Mngmt
- Enable Universal Data Access
 - ISOPREPs & EPAs
- Reliable Decision Support Tools
- GCCS/SIPRNET Connectivity

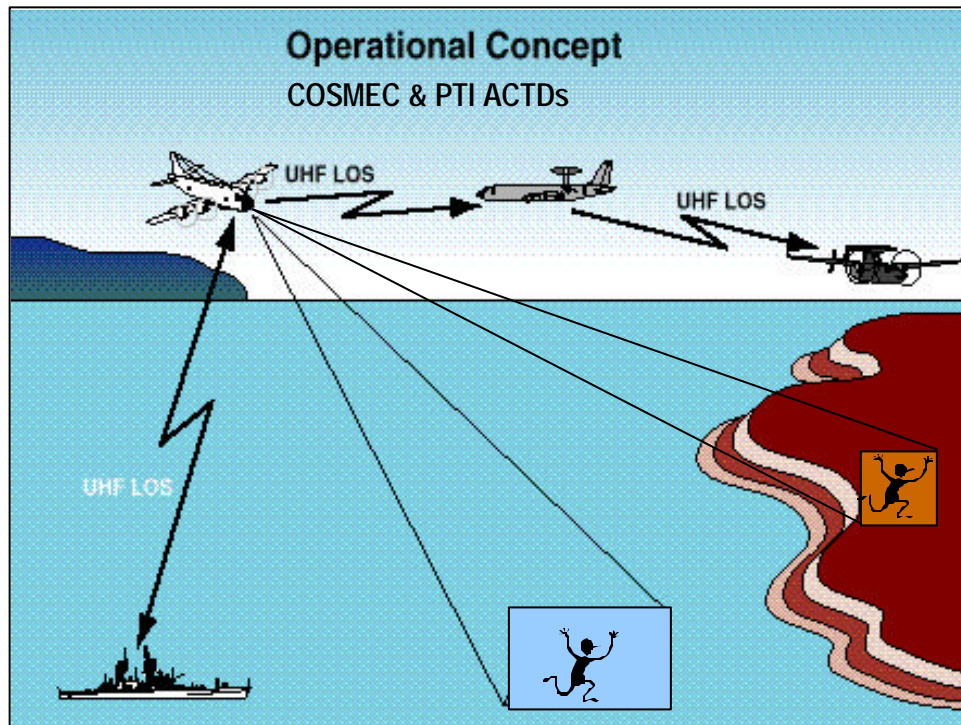




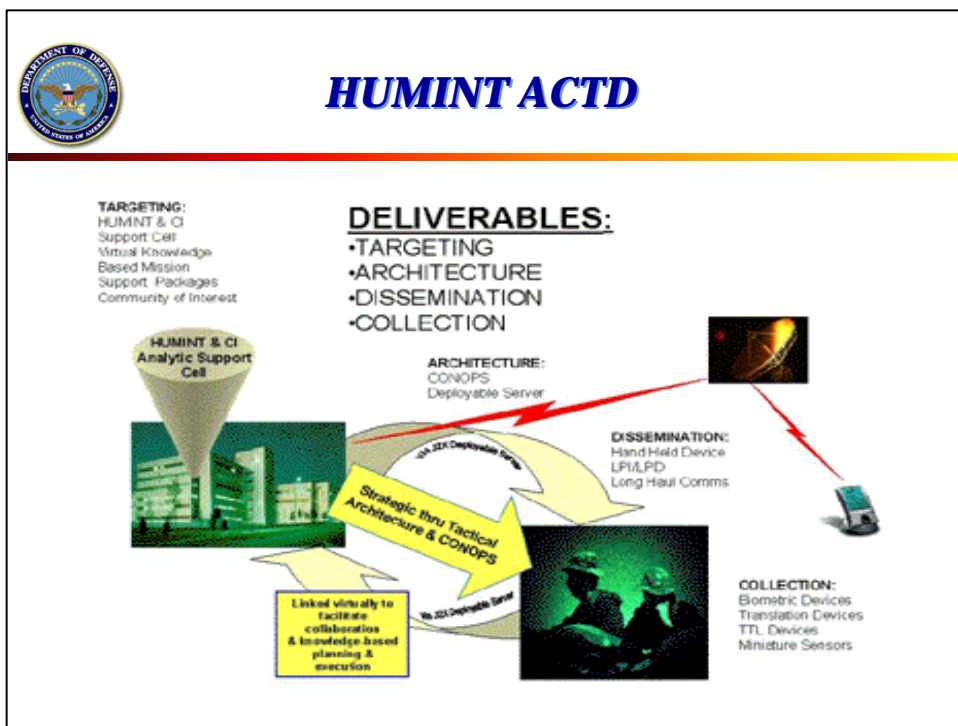
LINK-16 ROSETTA CONOPS



- Successfully 'Bridged' Major DoD Tactical Data Link Systems
 - Link 16 and Joint Variable Message Format (EPLRS) Systems
 - Exchanges real-time tactical information for air, ground, sea forces
 - Also being migrated to include SADL, SABER, GCCS, Link 11 A/B
- Time to Pass Messages Reduced Drastically
 - Time to pass data reduced from 10 min (manual) to 20 msec (Link 16)
 - Stress testing showed no latency
- Successfully demonstrated in a Close Air Support scenario
 - ASCIET '99
- Technology implemented in Bosnia Theater
- Will Allow Near Instantaneous Notification of Missing Aircraft
- Would Improve Situational Awareness of Rescue Package



- PTI Demonstrates potential of Laser Radar (LADAR) and 3rd Gen FLIRs and C4I to increase search area and obtain precise target location and identification
 - Demonstrate capability in a counter-narcotic mission aboard Operational CD Assets
 - Capability applicable to other platforms and missions requiring precise target ID
- COSMEC integrates spectral imaging and processing into theater intel infrastructure
 - Devised to counter CC&D techniques in EUCOM theater
- USSOUTHCOM/JIATFE Operational Tasking
 - Intercepted 8 and seized 4 Go Fast boats; arrested 13 people
 - Seized 2700 kilos cocaine; sent another 3700 kilos to sea bottom
 - 1 A/C Destroyed on Ground
- EUCOM Operational Tasking
 - Tactical Spectral Sensor supported JTF Noble Anvil in Balkans
- Transitions
 - FLIRS Transitioned to USN SH-60's, P-3s, US Customs P-3s, UH-60's
 - C-130 Testbed transitioning to PR Air National Guard: 6 systems
- Plan to Conduct PR Demonstration with these ACTDs in FY00



FY99 ACTD -- Joint OSD/DIA/SOCOM Initiative

PR Application: Improved Intelligence for Prisoner Recovery Operations

Supports Strategic, Operational, Tactical HUMINT

Improves Timeliness, Accuracy, Dissemination of HUMINT and CI Data

Establishes Virtual Collaborative National-to-Tactical Analysis Dialog

ACTD Output Includes:

Dedicated Targeting Cell for HUMINT Analysis at DIAC

Several Collection Tools and Sensors; Software Upgrades

National-to-Tactical HUMINT/CI CONOPs and Supporting Architecture



Military Ops in Urban Terrain ACTD






Rifle Launched Entry Munition (RLEM)
MOUT ACTD




- Can blast open doors and windows at ranges up to 40 meters
- Low launch signature, no backblast
- Demonstrated Mar 98 at Fort Benning
- Warfighter Rapid Acquisition Program (WRAP) Acquisition approval Nov 98

8 months from demo to acquisition transition

FY97 ACTD

FY97 Start

PR Applications for Urban Prisoners/Evaders

Very Successful ACTD

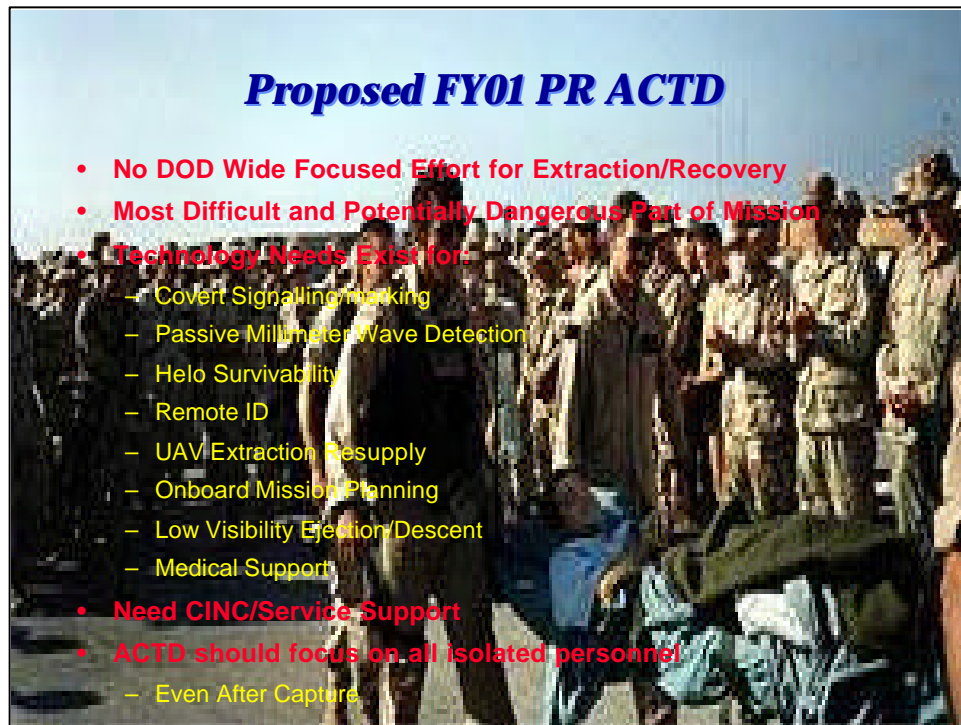
Extensive Technology Research (512/260/112/32)

Selection of Demonstration Technology Based on Warfighter Interview/Evaluation

Joint Demonstrations

Already in Transition

Model for Potential FY01 PR ACTD



A focused effort seems aimed at most elements of PR mission

CSEL will help resolve notification/location issues

PRMS ACTD will be a major factor in resolving automation/timeliness concern

HUMINT/PTI/COSMEC ACTDs and similar efforts are helping to solve the search/location issues

V-22/CSAR AOA are focused on rescue platforms

HUMINT/MOUT ACTDs will assist in the recovery effort of prisoners

However, in my view, a coherent/ focused DOD approach is missing in the extraction/recovery portion of the mission

New ACTD should build upon the acquisition/technology efforts of the DPMO Mission Area Assessment

MOUT ACTD architecture which samples a wide variety of potential systems/equipment with warfighter input on selection process and then conducts meaningful well planned demonstrations would seem to be a suitable model

A new ACTD focused on the technology areas described above could help ensure that we are better able to locate/recover the next Mike Durant

We need CINC/Service support to start an ACTD